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JIS L 1069 : 2002
(JSIF)

**Tensile strength tests of
natural fibres**

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by the Japan Spinners Inspecting Foundation (JSIF) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS L 1069 : 1995** is replaced with this Standard.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Tensile strength tests of natural fibres

Introduction This Japanese Industrial Standard to which no International Standards correspond was developed in 1964 as a tensile strength test methods for natural fibres in Japan.

In the revision on this occasion, the title of the referred standards and the specified contents related thereto were changed along with the revision of the normative references, the test method is added and the form of presentation was changed in accordance with **JIS Z 8301**.

1 Scope This Standard specifies the tensile strength tests for staple (excluding fibre bundle) of natural fibre. Silk waste, however, shall be excluded.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 7721 *Verification of the force measuring system of the tensile testing machine*

JIS L 0105 *General principles of physical testing methods for textiles*

JIS L 0208 *Glossary of terms used in textile industry—Testing*

JIS L 1019 *Testing methods for cotton fiber*

JIS L 1081 *Testing methods for wool fibres and hairs*

JIS Z 8401 *Guide to the rounding of numbers*

3 Definitions For the purposes of this Standard the definitions given in **JIS L 0105** and **JIS L 0208** apply.

4 Classification Tests shall be classified as follows.

- a) Tensile strength and elongation percentage
 - 1) At standard condition
 - 2) At wet condition
- b) Knot tenacity
 - 1) At standard condition
 - 2) At wet condition
- c) Loop tenacity
 - 1) At standard condition
 - 2) At wet condition